

The United States of America

Federal Licensed Amateur Radio Station

Amateur [Ham] Radio Service - Code of Federal Regulation

Federal Communications Communication

47 C.F.R. Telecommunications Rule's and Regulations

Sub - Section Part 97.3 - - Line Item Number 4

Amateur Radio

"A radio communications service for the purpose of self-training. Intercommunications and technical investigations carries out by amateurs, that is duly authorized persons interested in radio interests. Technique solely with a personal aim and with out pecuniary interests."

POINT OF VIEW

Amateur [Ham] Radio and Commercial [Professional] Radio

Share Common Grounds in On Site Emergencies.

Share Common Interest in Public Safety at Emergency Sites.

Share a Common History in Basic Federal Radio Regulation.

Share a Common Interest in Experimental use and Development of Radio Arts.

Share a Common Goals in Public Service to assist the general public.

Amateur Radio a Mater of Public History - A mater of Public Service.

Amateur [Ham] Radio is a radio service, that require all operators and station to be licensed by the Federal Government. The Federal Communications Commission is the principal agency that regulates radio communications in the amateur and professional area of radio! Congress can over-rule the FCC by enacting laws. The office of the President can make direct emergency orders affecting amateur radio. The FCC's Chief of the WTB can make temporary emergency orders due to a major event like a bad storm. This mater of temporary regulation in Amateur Radio is related to the general welfare of the public at emergencies. Amateur Radio Operators License requires a minor to a major degree of study to pass the federal mandated exams! There are several classes of Amateur [Ham] radio licenses issued by the Federal Government! Some licenses are held by very young children, common every day housewife's, the handicapped / disabled, but most by the common everyday working class citizen. The Amateur entry class is a basic and simple exam. The highest class requires the level of study and education level of most electronic engineer's. This

issue of radio class's of Amateur Licenses is a International and Federal Requirement by law.

There are more than +1,900,000 Amateur Radio Operators, and Stations World Wide. In the United States there are more than +600,000 licenses issue by the FCC for amateur radio. Amateur radio operators can communicate with other Amateur Radio operators through out the world.

Amateur Space Communications is a mater of using a Keyboard, and/ or Microphone to communicate with the NASA folks up in space. Yes a number of NASA flight Crew Members hold and operate Amateur Radio from space.

Even bouncing radio waves off the moon and back to far points on the Earths surface to make Amateur radio contacts is very common.

The FCC allows the Police Departments in the United States to use some 358 conventional and trunk-ed radio channels for dispatch and mobile. The Amateur radio operators are allowed to use more than +1,256,000,000 very narrow banded radio channels. The Amateur radio operation is not channel-sized in most part as Public Safety radio is! In the +28 bands the Amateur radio operator use some frequencies and some frequency bands are shared with the Public Safety, Local Government and Police Departments.

The Amateur radio operators also shares most of its frequency bands above 30 Mhz with the federal government, US military, State, and State / Local Governments. Even through the several winter storms [Blizzard's] of the 1970's the Ohio National Guard received dispatch assistance from Amateur Radio Operators in rescue operations. The Frequency's used were 53.500 Mhz and 53.550 Mhz to link the ONG with the amateur radio stations.

Amateurs Operators passing ONG messages to the sheriff's dispatch center made rescue common. The ONG Short Range radio relied on the Amateur Stations in each county affected by the bad winter storm to get the message's through!

In the time of World War II all amateur radio US came to a halt. The US military needs the radio spectrum for the war effort. The amateurs of the time were kept busy by tracing down a few enemy spy transmitter locations.

Amateur radio operators a ready trained force of skilled repairman, operators, and code operators enlisted in the US military. Some Amateur were the code instructors that trained the Aircraft Pilots, Aircraft Navigators, Aircraft radiomen, Navy radio operators, and future spy's of the O.S.S. witch today we know as the CIA and NSA.

Amateur radio operators during World War II who were silenced by the war effort kept monitoring frequencies for enemy communications.

The German Tank corps in North Africa used very Short Range radios that only worked between 2 and 10 miles. The German military radio operators though this communications was secure. However the amateur operators in New Jersey, in an unusual [Skip] event monitored the communication from the GERMAN Tanks, they relayed this information to the US Military in Washington.

Soon Amateurs along the east coast of the United States were also reporting this also to the US military. Some Amateur station in land near the great lakes also monitored this enemy information.

The German Tank radio communications was in the clear and not coded because they did not fear leaked information on a very Short Range radio. Amateur put the U.S. government on the rite track to know where the German tanks were on a real time bases.

The United States Army set up a number of monitoring post from the homes of Amateur Operators along the east coast. Amateur radio stations gave final blow to German Tanks in North Africa!

Amateur radio operators long before the war had developed portable hand held radio communication's equipment that was pressed into military service.

Portable Amateur communications used by the OSS in the war, was first used in the greater Cleveland, Ohio area as early as 1936 in the VHF / UHF on Amateur radio bands.

There is a matter of Research and Development in Amateur Radio made mobile and transportable public telephone a every day thing today.

There is a history in Amateur Radio that even helped in logistic and communications support in the aftermath of the 9-11 attacks. Amateur Radio came to the aid of the citizens in NYC and the Military at DC.

As in times of peace Amateur Radio is used as a Hobby, the Amateur safe guard the radio spectrum from the enemy of the United States. Amateur radio operators are the watch dogs that make the reports of Illegal or Un-Authorized use of the radio spectrum.

In times of peace amateur radio makes the hobby interesting allowing a diverse amount of modes of typical to unusual communications!

Amateur can send high quality color TV message to each other, even mobile amateur TV messages. This amateur TV mobile / portable communications has been around from the 1950's was the for-runner of today video cell phones. In the early days of Amateur TV communications it took a small truck to transport the TV equipment.

Today on site live Network Action Cams bring the news to your TV set, but again Amateur operators development modern Action Cam mobile TV.

Talking to US military folks in far-off distance place of the Globe when it's off duty time for the military service man is common on Amateur Radio.

The Amateur Recreational Club Radio Stations, Military Affiliated Radio Service [MARS], and Amateur have had a long held good standing working relationship.

The "Extra" Class Amateur Radio Operator can also help give the FCC license exam for The Commercial [Professional] under part 13 of FCC rules! Yes an Amateur can assist the FCC / COLM in the administration of the exam!

The Commercial [Professionals] FCC license was known in the past as the First Class and Second Class FCC license. Today it's known as the GROL and/ or GMDSS Commercial Licenses.

The Commercial [Professional] radio license issued by the FCC / COLM are used by radio repairman, and radio operators in business with International Broadcasting, Marine and Aircraft radio / radar. Yes the highest class "Extra" Amateur radio licensee is on a equal footing with most TV / Radio Operating Engineer's!

The Commercial [Professional] radio license's exams issued by the FCC / COLM are for International Broadcasting, Marine Radio, and Aircraft Radio. A number of public safety agency's require a FCC Commercial Radio License for repair of there "Fleet" radio networks even though this requirement for FCC Part 90 land mobile was removed in the 1980's. A great number of State or large City's have this FCC license requirements built into their Civil Service Laws.

In some radio industry circles the FCC First Class, GROL, and GMDSS repair licenses are referred to as a Station Operators or Radio / TV Operating Engineer requirements of the past. Some broadcast stations still require this matter of FCC certification for employment.

This Commercial [Professional] Radio license is required for "Safety at Sea" under International Treaty's! The international requirement was due to the sinking of ship's at sea long after the TITANIC in 1912. The Radio Repairman, and Radio Operators on even small passenger ship at sea established by international treaty!

A Commercial [Professional] FCC / COLM exam and license are required for work in most fields of Radio Telephone Operating and Repair for frequencies below 25 Mhz.

A Commercial [Professional] License is required for safety at sea under international treaty for en-route repairs and operation on sea going shipping. Ships were sinking long before the TITANIC in the early era of radio. Yes some lives were saved by Amateur Radio Operator's, around 1908. Today some Amateur

Radio Operators still respond to calls from the sea for help this is a long established mater of fact!.

A Lot's of people who work in electronics hold both Commercial [Professional] and Amateur [Ham] radio licensees for both work and hobby use.

A few Amateur [Ham] and a few Commercial [Professional] radio operators also hold FCC issued Part 5 Experimental Radio authorizations. This is where Research and Development cross all future fields of communications.

Amateur developed true mobile Two Way voice radio as early as 1919 witch did not become a usual equipment item in police cars [Large Cities] just before World War II. However Police Mobile 2 Way radios did not come to small rural towns till well after the 1960's.

Portable Walkie Talkies used in World War II did not become common to small town police departments until the late 1980's.

The general public benefited from the development of early Walkie Talkies witch later became the citizen band [Part 15, Class D, GMRS, FRS, and MURS] Walkie Talkies sold over the counter today. More than half the middle class families have citizen band [Part 15, Class D, GMRS, FRS, and MURS] Walkie Talkies for ultra short range family communications. We now see the Walkie Talkie included in Today's Cell Phones Systems.

Amateur developed mobile and portable keyboard communications long before it was a common item in a police vehicles. The need to track land based vehicles via GPS linked to Amateur Radio was established by long before "On Star" was sold by GM. This is where Experimental, Commercial, and Amateur Radio have a Common Ground. The trucking industry uses the most complex vehicle tracking, developed by Amateurs and Experimental radio users.

Amateur Radio to some a number of strange folks with multiple radios / multiple antennas have made the early development of radio arts a practical profit for Commercial Radio!

From Early 1936 Portable [Hand Held] Ham Radio's to today's Cell Phone's [MTS, IMTS, Cellular, PCS, RCC, Rural Radio Telephone, and SMR] that Amateur radio operator were the for runners that helped development. The Amateur radio folks [oddball fellows] helped develop made common use for today's radiotelephone phone for all citizens. This Amateur radio [odd fellow] could be about +30 years or more ahead in electronics of the general public.

In most case Amateur Radio operators are first on the site communications links in the common every day traffic accidents, vehicle fire's, and other emergency events. The Amateur making his trip to work every day becomes an extra set of eyes that relays emergency information to police, ambulance, rescue, and fire departments.

In true local emergency telephone line become overloaded, emergency police and fire dispatchers become swamped with call's, Telephone and Cell Phone systems can't be used due the number of overloaded calls.

The Amateur and Commercial / Public Safety radio remains the critical link to emergency services!

Amateur's Operators public safety duty call's, are common in every day life. Amateur Radio operators be come a mater of a First Responder in this type of local emergency!

Why Amateur Radio Operators Have so much Unusual / Odd Radio Equipment?

So what are all the antennas and radio installed in my vehicle used for? Well if I could tell you I would! Well I don't sell antennas or radio communications equipment, and I'm NOT an Volunteer Fireman, NARC [Cop], NSA Government Spy, a Agent of the IRS or a CIA case worker as some would think.

I have nothing to due with law enforcement, unless you need help to call them, then perhaps I can help for you making a radiotelephone for your emergency!

However I do try communications spacemen [NASA Folks], and have spoke to people from MARS [Military Radio] in person!

This is a complex mater of public information, and the federal privacy acts! I will tell you what I can, what I'm allowed, to as a mater of public record. However the fact that "THE BOSS" and my "BUSINESS ATTORNEY" have both told me not to give out any details about my auto's radio system, I will tell you what I can!

Commercial radio regulations have issues of privacy involving federal law under the 18 U.S.C. Sections 2510 through Section 2520. Also the Communications Act of 1934 section 605. U.S.C, as well as the 47 C.F.R. Telecommunications Section 705 of the FCC Rule's and Regulations. This rule makes almost all radio communications private with some exceptions! Also under FCC rules and Regulations almost all of Part's 13, 87, 88, 91, and 90 Radio Communications is Private.

Under the Federal Communications Commission act makes almost Telecommunications all information private. Also various laws Under Title 18 of the U.S.C. makes some licensee information a mater of privacy. There are exceptions to the laws and rules that are outlined in the various sections.

Because Amateur Radio Communications it is not protected by the privacy laws or acts it can be recorded, transcribed, and published. So it would be un-wised for the local Red Cross to relay personal medical information over ham radio. There are privacy laws and act involving the Exam Process in Amateur and Commercial duty's as VE and CE operate as de-facto agents for the FCC.

A emergency broadcast, a broadcast directed at the public, and Unlawful Communications Act's are not protected by the various privacy laws or radio regulations.

The licensed Amateur / Business Band / Commercial radio installed in my vehicle are for personal and business use, so keep you Cotton Picking Hands off the Microphone's, and the radio station controls.

This radio station is NOT like the Un-Civilized - Under Regulated - Un-Licensed - Barn Yard Talking - a Swamp Mouth-ed - Ego Intoxicated members of the Citizen Band [C.B.] radio service. Yes Because the FCC de-regulated the Citizen Band radio service and now there is no license required the Law Breakers think anything goes! The Illegal CB lawbreaker thinks he can hide because there is no federal data base listing CB station location or ownership.

This is perhaps why Amateur radio operators prefer not to be associated with the ILLEGAL 11 Meter CB operators that break international radio treaties, and federal laws.

The FCC's CB de-regulation was a disservice to the lawful CB operators. This de-regulation by the FCC of Citizen Band in all likely cases violated international treaty. This de-regulations by the FCC of the CB services also violated the Charter that the set up the Federal Communications Commission in the communications act of 1934 to end radio CHAOS as the congress demanded putting a end to the FRC of 1927. When FCC licensing of Class D CB radios ended, the CHAOS became common CB radio event.

In Amateur Radio and Commercial radio I'm the Station Control Operator, The Chief operator, and the Owner / Authorized Operators with the on/off power switch. To use my station when I'm present you must be civil, and respect the civil rights of other's!

The few C.B. Stations that follow the Federal Law, State Law, and Local Law who operate with respect are welcome at this radio station. Yes there are a few good CB'ers but this is a small group only! There are number of good operating groups that use the CB Bands for aid to the public they are a welcome group.

A few number of radio operators have been jailed and/or fined for breaking federal laws, International radio treaty's, and a host of other federal laws. Even a small number of radio operators have been jailed for breaking State / Local communications related laws!

Don't expect a major law breaking incident by you not to be reported. To fail to report an incident of any law breaking or regulation could cost a vast amount of money and time!

To fail to report could cost my business, or hobby interests a loss of federal licenses. To fail to report a law violation may also break my oaths under both Federal and State laws.

So if you want to break the laws don't do it not in my vehicle, not on my property, not with my radio station, and most of all not even within my view! Most of all don't brag about breaking laws it with in my earshot! Go somewhere else and make a fool or a criminal out of your self, but out of my view!

I dislike having to write a report, send a e-mail, make a telephone call, or show up at some kind of ALJ court of record if you break the law in my at my station, in my view, or at my property. However duty, honor, family, and country will force me to act against serious law breakers!

As to fail to make a police report of a state crime, or perhaps a federal violation could also make me a party to you criminal act! I will NOT assist you in your radio crimes, or cover them up!

I will NOT risk my future on folks who don't respect the law. Best friend will respect the law, even if the law or regulation may be unfair!

So learn and earn your future Amateur and / or Commercial Licensee! It's a great hobby and a mater of professional business.

Dale E. Reich - CE - VE - GROL - GMDSS - RADAR ENDORSEMENT - Radio Station K8AD
141 North Center Street - NW - State Highway THREE

Seville, Ohio 44273 - 9504

exab8fq@hotmail.com

exab8fq@yahoo.com

K8AD@arrl.net

Telephone [330] 769-3071 Caller ID Required for Direct Pick Up. Answering Machine +14 Rings - It gets rid of the Salesman Calls. Machine to hold only 1 min of message! ! !

Last Updated and Edited for the 509 TH time - 03-26-2004 - UTC 18:32 *****DER-1

Control Number 7- ABC

I'm for the ARRL proposal with the exception of the removal of the small 1296 Mhz band voice should also be included, and this will dis-en-franshize a few UHF operartor's. This is a mater of preventing future turff amateur in fighting.

Attached is a support document about points of view's of diverse amateur radio. Please dont repeat history like removing voice of the novice in 1296 as was did with the 2 meter band of the past.

thanks

Dale E. Reich

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A few number of radio operators have been jailed and/or fined for breaking federal laws, International radio treaty's, and a host of other federal laws. Even a small number of radio operators have been jailed for breaking State / Local communications related laws!

Don't expect a major law breaking incident by you not to be reported. To fail to report an incident of any law breaking or regulation could cost a vast amount of money and time!

To fail to report could cost my business, or hobby interests a loss of federal licenses. To fail to report a law violation may also break my oaths under both Federal and State laws.

So if you want to break the laws don't do it not in my vehicle, not on my property, not with my radio station, and most of all not even within my view! Most of all don't brag about breaking laws it with in my earshot! Go somewhere else and make a fool or a criminal out of your self, but out of my view!

I dislike having to write a report, send a e-mail, make a telephone call, or show up at some kind of ALJ court of record if you break the law in my at my station, in my view, or at my property. However duty, honor, family, and country will force me to act against serious law breakers!

As to fail to make a police report of a state crime, or perhaps a federal violation could also make me a party to you criminal act! I will NOT assist you in your radio crimes, or cover them up!

I will NOT risk my future on folks who don't respect the law. Best friend will respect the law, even if the law or regulation may be unfair!

So learn and earn your future Amateur and / or Commercial Licensee! It's a great hobby and a mater of professional business.

Dale E. Reich - CE - VE - GROL - GMDSS - RADAR ENDORSEMENT - Radio Station K8AD
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Telephone [330] 769-3071 Caller ID Required for Direct Pick Up. Answering Machine +14 Rings - It gets rid of the Salesman Calls. Machine to hold only 1 min of message! ! !

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Control Number 7- ABC